

Declaration and Power of Attorney United States Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled

(check one)

☐ is attached hereto.

☐ was filed as U.S. Application No. _____ on _____ and (*if applicable*) was amended on _____.

☒ was filed as PCT International Application No. PCT/JP2004/009634 on July 7, 2004 and (*if applicable*) was amended under PCT Article 36 on _____.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign and PCT application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America listed in this Declaration. I have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application(s) on which priority is claimed:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)

I hereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designating the United States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application No.	Filing Date	Status (patented/pending/abandoned?)

I hereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date

I hereby appoint the following attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Glenn J. Perry (28,458), Robert G. Weilacher (20,531), Herbert M. Hanegan (25,682), Dale Lischer (28,438), Frederick F. Calvetti (28,557), J. Rodgers Lunsford, III (29,405), Michael A. Makuch (32,263), Dennis C. Rodgers (32,936), Mary A. Montebello (33,021), Eric J. Hanson (44,738), Brandon S. Boss (46,567), Robert J. Veal (30,895), Christopher A. Holland (46,316), Brendan E. Squire (48,749) and Brett L. Nelson (48,119). Please associate this application with **Customer Number 00441**

Send all correspondence to the address on file for **Customer Number 00441**. All facsimiles may be sent to (202) 263-4329. Direct all phone calls to (202) 263-4300.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Nobuyuki TOKURA Citizenship: Japan
Residence (city, state, country): Japan
Post office address: c/o Optowave Laboratory Inc., 3-1, Hikari-no-oka, Yokosuka-shi,
Kanagawa 239-0847 Japan

Signature: Nobuyuki Tokura Date: Dec 22, 2005

Full name of second inventor: Keisuke INOUE Citizenship: Japan
Residence (city, state, country): Japan
Post office address: c/o Optowave Laboratory Inc., 3-1, Hikari-no-oka, Yokosuka-shi,
Kanagawa 239-0847 Japan

Signature: Keisuke Inoue Date: December 22, 2005

Full name of third inventor: Haruo YAGO Citizenship: Japan
Residence (city, state, country): Japan
Post office address: c/o Optowave Laboratory Inc., 3-1, Hikari-no-oka, Yokosuka-shi,
Kanagawa 239-0847 Japan

Signature: Haruo Yago Date: December 22, 2005